

## EXPERIENCE

### SYMMETRY DETECTION AND CLASSIFICATION IN DRAWINGS OF GRAPHS

Research Assistant  
University of Arizona

Jan 2020–  
Jul 2020  
Tucson,  
Arizona

- Implemented Graph Neural Networks to classify common and abstract symmetries in graph drawings
- Deployed Neural Network models using programs written in collaboration with research team
- Utilized High Performance Computing cluster to regularly conduct intensive Neural Network training and prediction experiments
- Applied Linux knowledge to create job scripts with PBS directives

### UA CYBERCATS

Member  
University of Arizona

2019–  
Present  
Tucson,  
Arizona

- Participated in hacking competitions and learned about Offensive Security
- Experienced with Kali Linux

### CREATED LINUX DISTRIBUTION

Creator of Orlix

2020

- Configured Arch Linux variant featured on [orlandorodriguez.xyz](https://orlandorodriguez.xyz)
- Designed to be lightweight with emphasis on high-speed development and deployment

### WEB DESIGN

Creator of [orlandorodriguez.xyz](https://orlandorodriguez.xyz)

2018–  
Present

- Manage both front/back-end with LEMP stack
- Feature current projects and link to Github
- Frequently publish articles about computer science, statistics, technology, and philosophy

## LEADERSHIP EXPERIENCE

### WILDCAT ÉPÉE FENCING CLUB

Secretary  
University of Arizona

2019–  
Present  
Tucson,  
Arizona

- Represent the university by traveling across the country to tournaments
- Regularly compile team statistics, track attendance, and handle logistics
- Negotiate with university officials and campus recreation to approve events
- Interact daily with members to create a fun team environment
- Manage the team website at [uawildcatfencing.com](https://uawildcatfencing.com)

### BLUE CHIP LEADERSHIP EXPERIENCE

Member  
University of Arizona

2019–  
Present  
Tucson,  
Arizona

- Participated in leadership training and volunteer activities on campus
- Studied Design Thinking Process in Blue Chip courses, and participated in group projects
- Participated in 2021 Design Thinking Challenge focused on improving healthcare for disabled youth at El Rio Community Health Center

## ORLANDO RODRIGUEZ

emails: [orlandorodriguezosr@protonmail.ch](mailto:orlandorodriguezosr@protonmail.ch)  
[orodriguez@email.arizona.edu](mailto:orodriguez@email.arizona.edu)  
phone: +1 (520)-481-3485  
site: [orlandorodriguez.xyz](https://orlandorodriguez.xyz)  
Github: [OrlieRod314](https://github.com/OrlieRod314)

## EDUCATION

school: University of Arizona  
major: BS - Computer Science  
BS - Statistics and Data Science  
minor: Spanish  
GPA: 3.372  
CS GPA: 3.3

## PREFERENCES

languages: Java  
Python  
editors: Vim  
VSCode  
Eclipse IDE  
subjects: Software Development  
Back/Front End Development  
Machine Learning

## AWARDS

National Merit Hispanic Scholar 2019

## LANGUAGES

Java	Python	Bash	SQL
HTML	CSS	JS	PHP

## OTHER TECHNICAL SKILLS

Linux	nginx	VBox	MariaDB
ML	L <sup>A</sup> T <sub>E</sub> X	HPC	

## OTHER SKILLS

Spanish (Reading/Writing/Speaking)  
Negotiation  
Conflict resolution  
Team administration